

2015 National Assessment of Educational Progress Trial Urban District Assessment

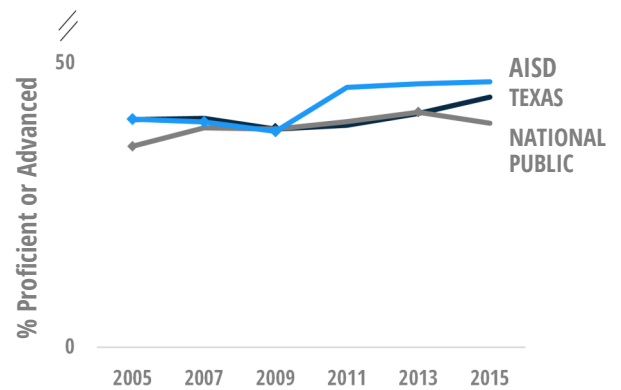
Results for Austin Independent School District by Race/Ethnicity

How did Austin's students compare with students in Texas and in national public schools?

Grade 4

AISD's 4th grade students have consistently performed at or above students in Texas and in national public schools in math (Figure 1). AISD math proficiency rates were significantly higher in 2015 than in previous years.

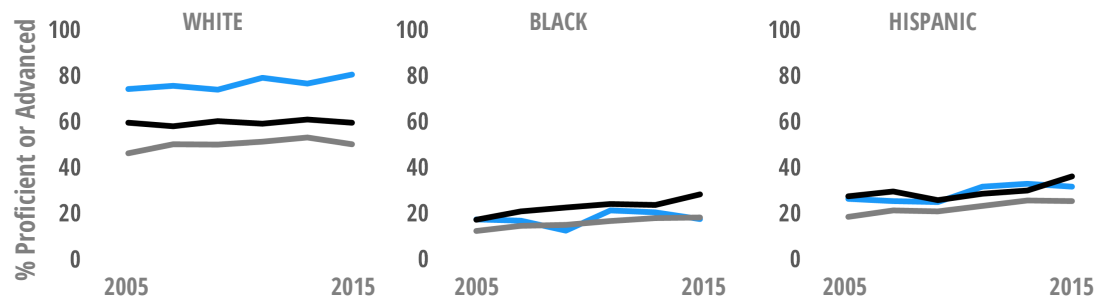
Figure 1
4th grade math proficiency rates have continued to improve since 2009 in AISD and Texas, while the proficiency rate in national public schools declined significantly in 2015.



Source. Austin Grade 4 and 8 Trial Urban District Report
Note. Years marked with a diamond were statistically different from 2015. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

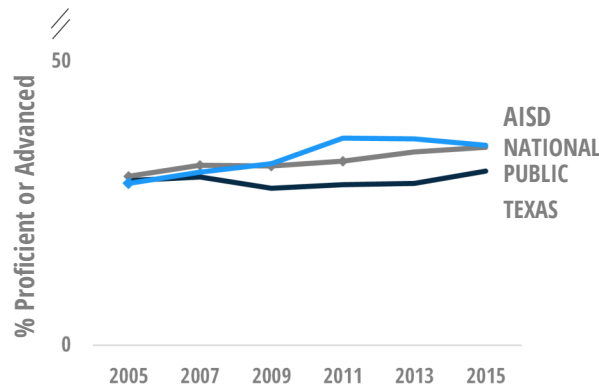
The 4th grade math proficiency rate for White students in AISD trended upward and remained well above state and national rates in 2015, while White students' proficiency rates in Texas and national public schools declined (Figure 2). The national decline for White students was statistically significant. Nationally and in Texas, Black students' 4th grade math proficiency trended upward in 2015 while AISD Black students' proficiency rates declined. AISD's Hispanic students' proficiency rate also declined slightly in 2015, while Hispanic students' proficiency rates trended upward in Texas and remained flat in national public schools.

Figure 2
4th grade math proficiency for White students remained high and improved in AISD, while proficiency in Texas and national public schools declined.
AISD Black and Hispanic student proficiency rates declined despite gains in Texas.



In reading, AISD’s 4th grade students have consistently performed at or above students in Texas and in national public schools since 2009 (Figure 3). AISD’s reading proficiency rate remained significantly higher than that of Texas in 2015.

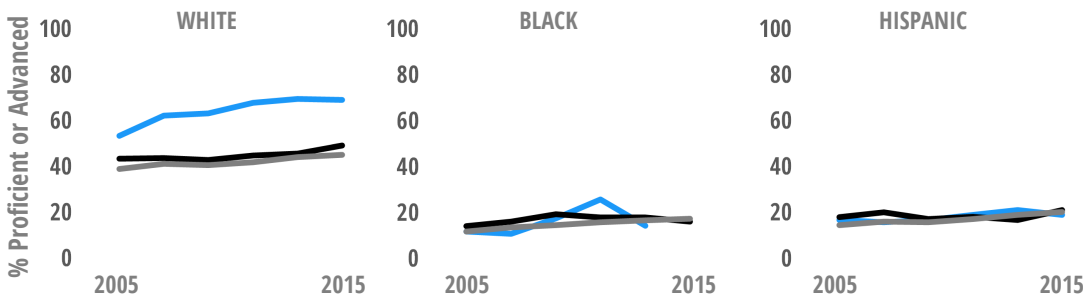
Figure 3
The 4th grade reading proficiency rate dipped slightly in AISD since 2011 but remained above the proficiency rate in Texas and equal to the proficiency rate for national public schools.



Source. Austin Grade 4 and 8 Trial Urban District Report
Note. Years marked with a diamond were statistically different from 2015. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

The 4th grade reading proficiency rate for White students in AISD remained high in 2015, while proficiency in Texas and national public schools trended upward (Figure 4). Nationally, Black students’ proficiency rates trended upward in 2015 despite a slight decline in Texas. AISD Black students’ proficiency rate had declined in 2013, but the sample did not meet the reporting size requirement for 2015. AISD Hispanic students’ proficiency rate declined in 2015, while Hispanic students’ proficiency rates trended upward in Texas and national public schools. None of these changes from 2015 was statistically significant.

Figure 4
4th grade reading proficiency for White students remained high in AISD, while proficiency in Texas and national public schools improved.
AISD Hispanic student proficiency rates declined despite gains in Texas and national public schools.



Grade 8

AISD’s 8th grade students have performed similarly to students in Texas and in national public schools, but performed especially well in 2015, defying overall state and national declines from 2013 to 2015 (Figures 5 and 6). However, AISD overall proficiency rates in 8th grade math declined significantly compared with proficiency in 2009.

What is the National Assessment of Educational Progress (NAEP)?

The NAEP, also known as the Nation’s Report Card, is the largest nationally representative and continuing assessment of what America’s students know and can do in various subject areas.

State assessments began in 1990, and the Trial Urban District Assessment (TUDA) began in 2003. Austin Independent School District (AISD) is one of twenty-one urban school districts participating in the 2015 TUDA for math and reading at grades 4 and 8.

AISD has participated in the TUDA since 2005.



AUSTIN INDEPENDENT SCHOOL DISTRICT

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Trial Urban District Assessment

Figure 5
8th grade math proficiency held steady overall since 2013 in AISD, while proficiency in Texas and national public schools declined significantly in 2015.

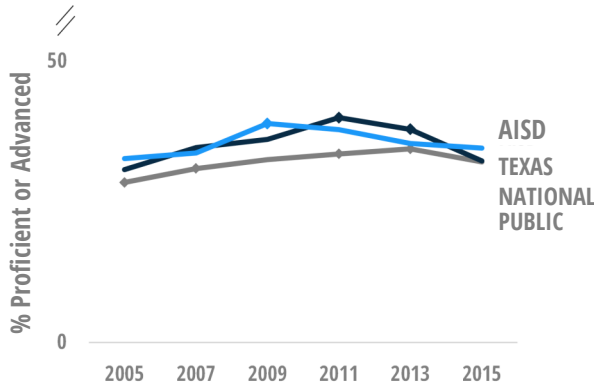
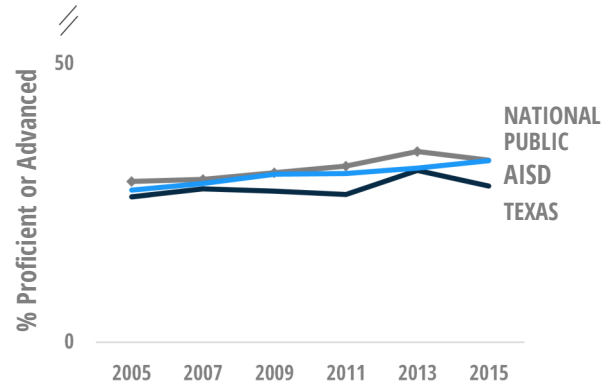


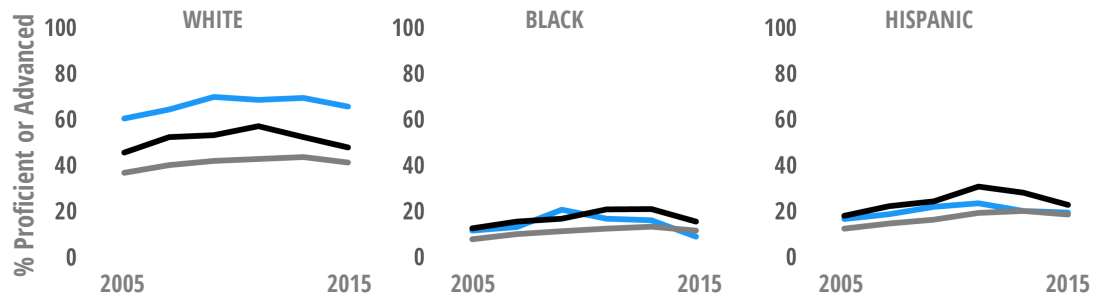
Figure 6
8th grade reading proficiency in AISD continued to improve steadily since 2005, while proficiency in Texas and national public schools declined in 2015.



Source. Austin Grade 4 and 8 Trial Urban District Report
Note. Years marked with a diamond were statistically different from 2015. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

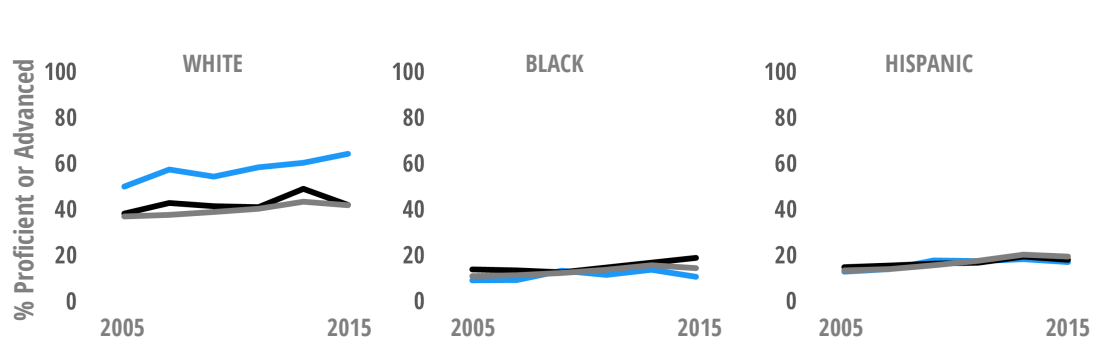
Trends indicate a downward turn in 2015 for math proficiency rates of 8th grade White, Black, and Hispanic students in AISD, Texas, and national public schools (Figure 7). National public school declines for White and Black students were statistically significant.

Figure 7
8th grade math proficiency rates declined for White, Black, and Hispanic students in AISD, Texas, and national public schools.



National trends also suggest a downward turn in 2015 for 8th grade reading proficiency rates of each student group (Figure 8). The national decline for White students was statistically significant. Hispanic students' proficiency rates trended downward in both Texas and in AISD. However, AISD's trends differed from Texas and national public schools for Black and White students. Black students' proficiency rates trended upward in Texas but not in AISD, while White students' proficiency rates trended upward in AISD but not in Texas or national public schools.

Figure 8
8th grade reading proficiency rates declined for Black students in AISD and national public schools, but improved in Texas. Hispanic proficiency rates declined in all three jurisdictions.

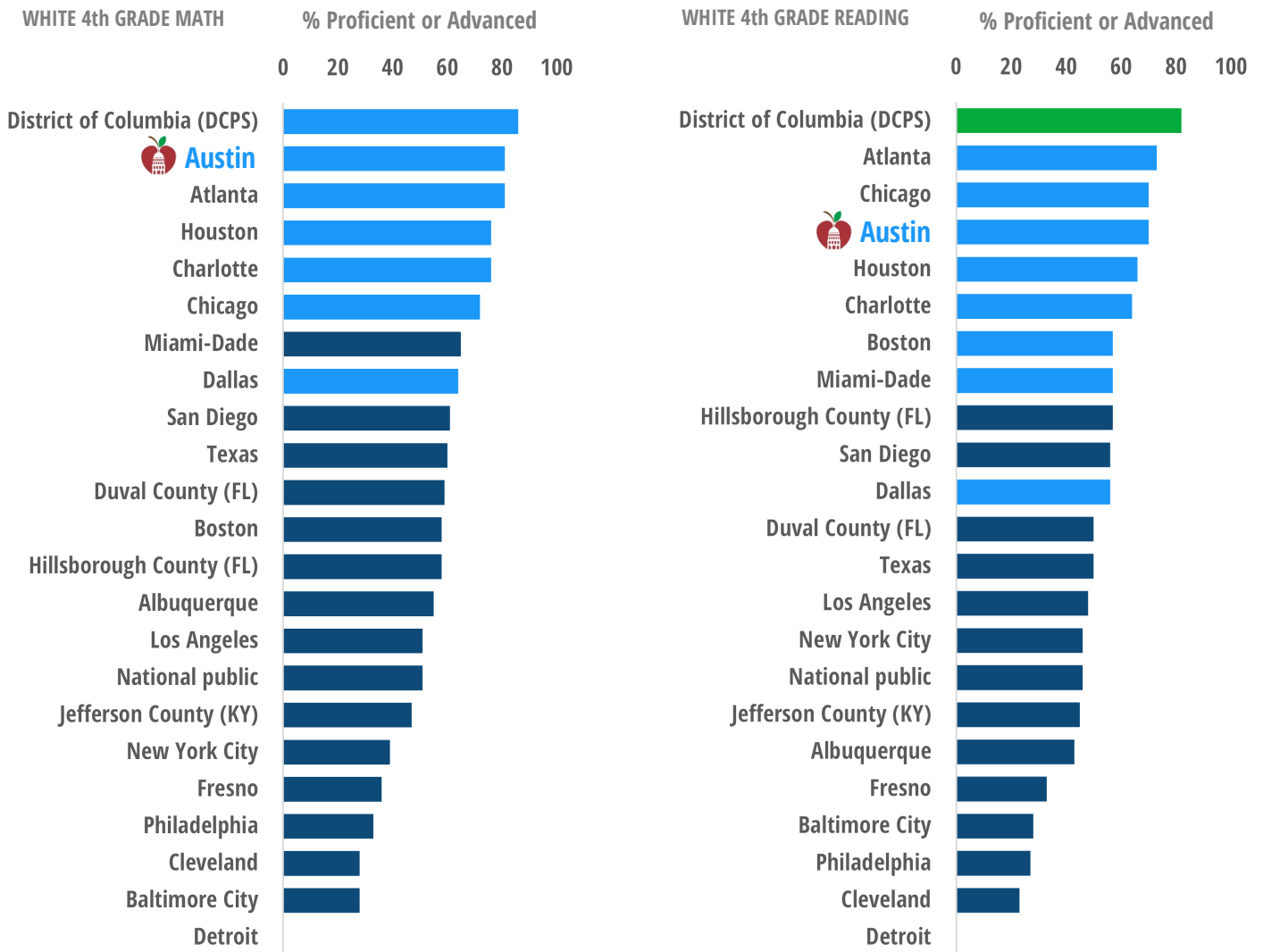


How did Austin’s students compare with students in other school districts?

Grade 4

AISD’s 4th grade White, Black, and Hispanic students significantly outscored students in many other districts participating in the NAEP TUDA (Figures 8–10). Only five other districts had a student group that significantly outscored Austin’s students.

Figure 8
Austin’s White students ranked 2nd in 4th grade math and 4th in 4th grade reading among their peers in 21 school districts.

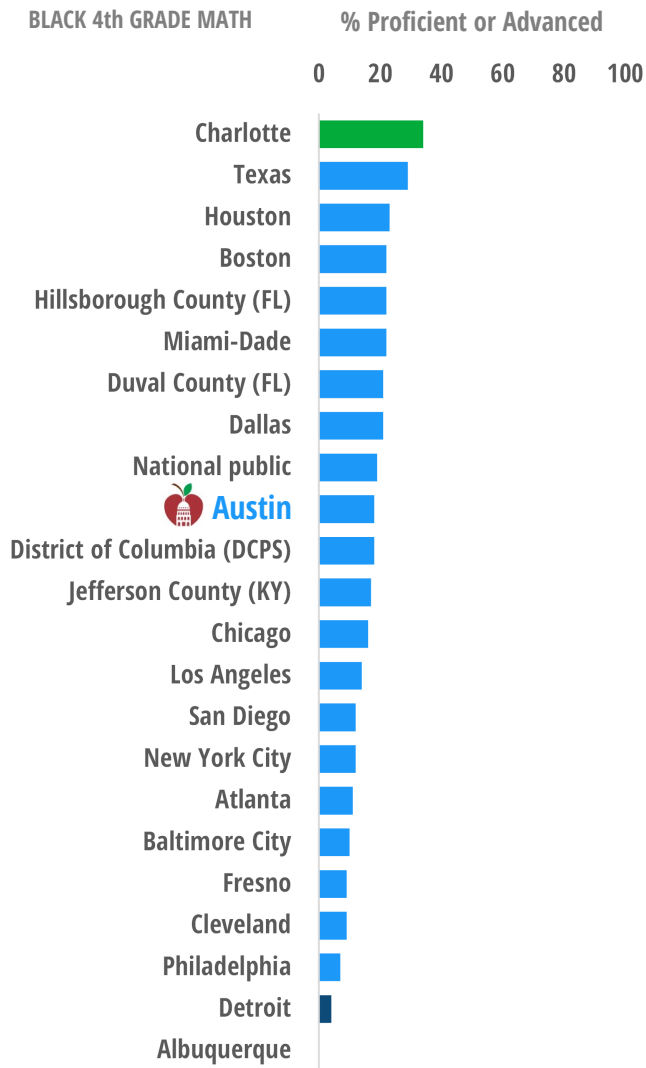


Source: NAEP Data Explorer

Note: Jurisdictions the same color as Austin were **not statistically different from Austin**. Those in green were **statistically higher than Austin**, those in dark blue were **statistically lower than Austin**. Statistical significance is influenced by sample size and variability in scores. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

Figure 9

Austin’s Black students ranked 8th in 4th grade math among their peers in 21 school districts. Data were not available for 4th grade reading.

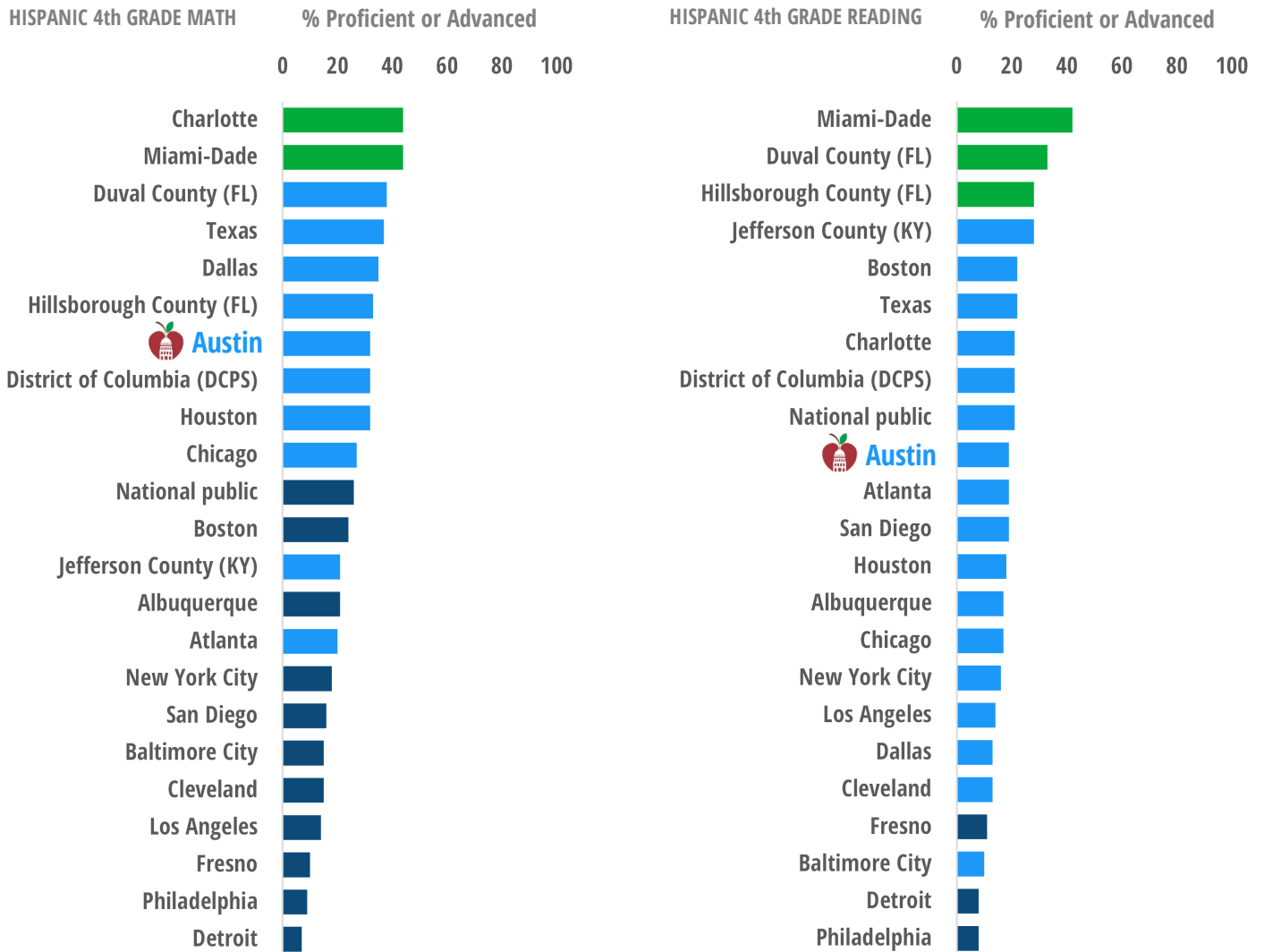


Source. NAEP Data Explorer

Note. Jurisdictions the same color as Austin were **not statistically different from Austin**. Those in green were **statistically higher than Austin**, those in dark blue were **statistically lower than Austin**. Statistical significance is influenced by sample size and variability in scores. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

Figure 10

Austin’s Hispanic students ranked 6th in 4th grade math and 8th in 4th grade reading among their peers in 21 school districts.



Source. NAEP Data Explorer

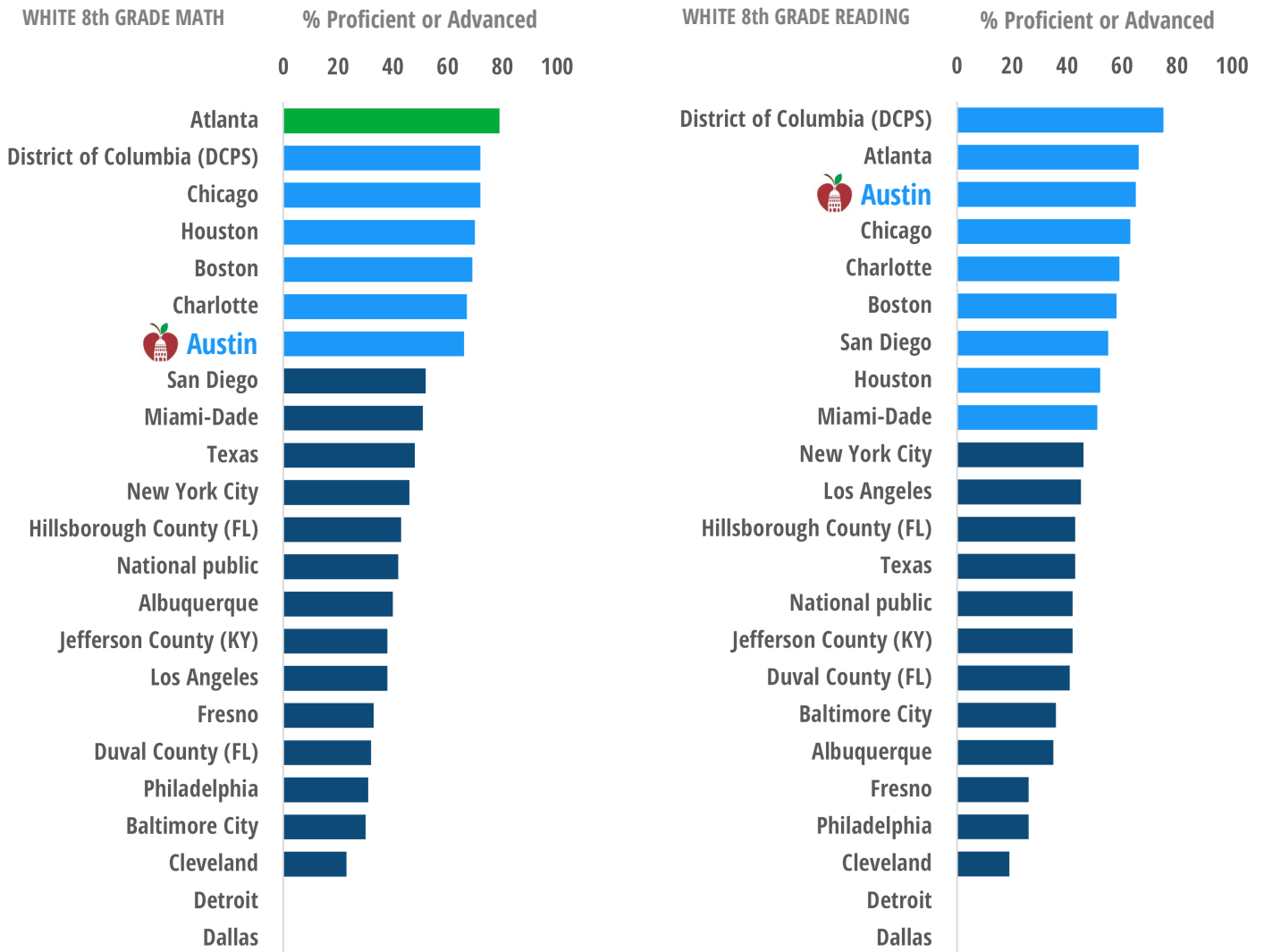
Note. Jurisdictions the same color as Austin were not statistically different from Austin. Those in green were statistically higher than Austin, those in dark blue were statistically lower than Austin. Statistical significance is influenced by sample size and variability in scores. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

Grade 8

AISD’s 8th grade White, Black, and Hispanic students significantly outscored students in many other districts participating in the NAEP TUDA (Figures 11–13). Only two other districts had a student group that significantly outscored Austin’s students.

Figure 11

Austin’s White students ranked 7th in 8th grade math and 3rd in 8th grade reading among their peers in 21 school districts.

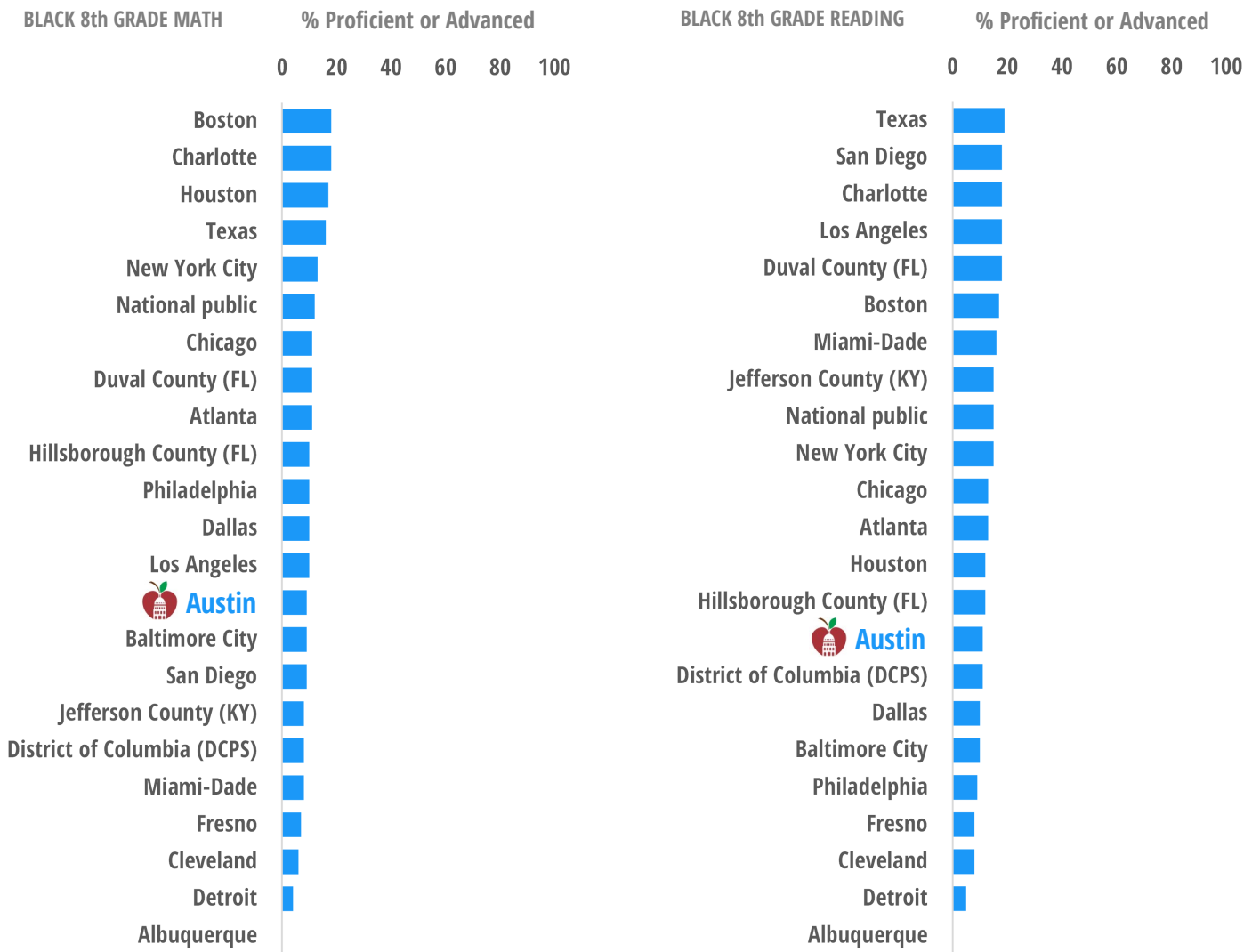


Source. NAEP Data Explorer

Note. Jurisdictions the same color as Austin were not statistically different from Austin. Those in green were statistically higher than Austin, those in dark blue were statistically lower than Austin. Statistical significance is influenced by sample size and variability in scores. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

Figure 12

Austin's Black students ranked 12th in 8th grade math and 13th in 8th grade reading among their peers in 21 school districts.

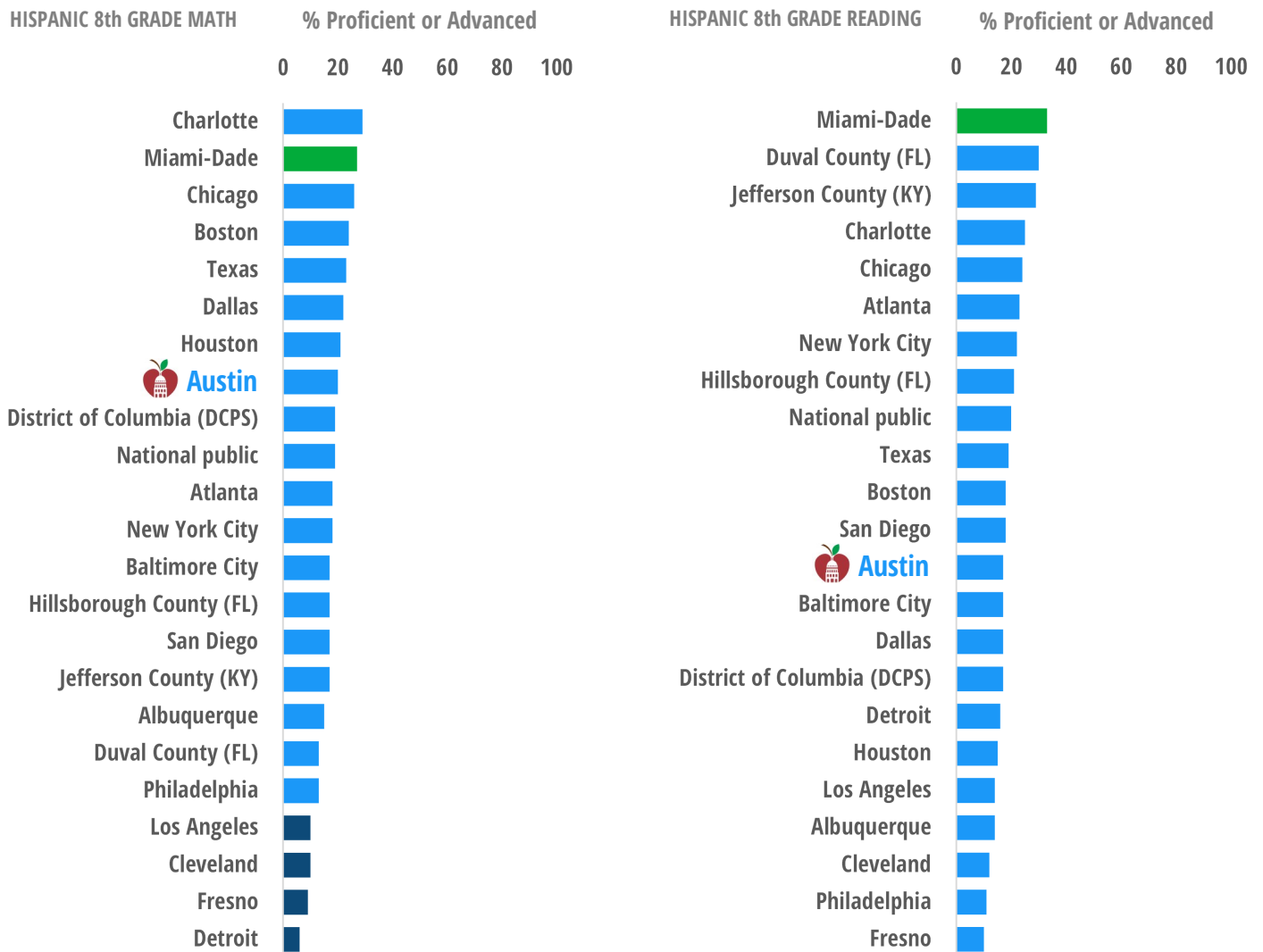


Source. NAEP Data Explorer

Note. Jurisdictions the same color as Austin were **not statistically different from Austin**. Those in green were **statistically higher than Austin**, those in dark blue were **statistically lower than Austin**. Statistical significance is influenced by sample size and variability in scores. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

Figure 13

Austin’s Hispanic students ranked 7th in 8th grade math and 11th in 8th grade reading among their peers in 21 school districts.



Source. NAEP Data Explorer

Note. Jurisdictions the same color as Austin were **not statistically different from Austin**. Those in green were **statistically higher than Austin**, those in dark blue were **statistically lower than Austin**. Statistical significance is influenced by sample size and variability in scores. Students can score Below Basic, Basic, Proficient, or Advanced on the NAEP.

Summary

Black and White students in national public schools showed statistically significant declines in NAEP proficiency rates for 8th grade math, and White students also declined significantly in both 8th grade reading and 4th grade math (Table 1). AISD proficiency rates improved in 2015 for White students on two assessments, but declined for Black and Hispanic students on all assessments, though changes were not statistically significant. Overall, AISD demonstrated an upward trend in 2 of 11 race/ethnicity comparisons while Texas showed an upward trend in 5 of 12, and national public schools showed an upward trend in 4 of 12 race/ethnicity comparisons. AISD student groups also significantly outperformed their peers in many urban districts.

Table 1
Although not always statistically significant (*), proficiency rates for White, Black, and Hispanic students **declined** in 2015 more often than they **improved**.

Assessment	Student Group	AISD	Texas	National Public
4th grade math	White	↑	↓	↓*
	Black	↓	↑	↑
	Hispanic	↓	↑	
4th grade reading	White		↑	↑
	Black	n/a	↓	↑
	Hispanic	↓	↑	↑
8th grade math	White	↓	↓	↓*
	Black	↓	↓	↓*
	Hispanic	↓	↓	↓
8th grade reading	White	↑	↓	↓*
	Black	↓	↑	↓
	Hispanic	↓	↓	↓

Note. Arrows indicate an upward or downward change in proficiency rate of +/- 1 percentage point. Statistically significant changes are noted with an asterisk.

For more information about the NAEP, visit the National Center for Education Statistics website at: nces.ed.gov/nationsreportcard/

AUSTIN INDEPENDENT SCHOOL DISTRICT

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